

FUDS Programs Overview for E2S2 Symposium

**FUDS Program Session
17 June 2010**

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**US Army Corps of Engineers
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What is FUDS?

Definition: Real property that was under the jurisdiction of the Secretary and owned by, leased by, or otherwise possessed by the U.S. and those real properties where accountability rested with DoD but the activities at the properties were conducted by contractors that were transferred from DoD control prior to October 17, 1986.

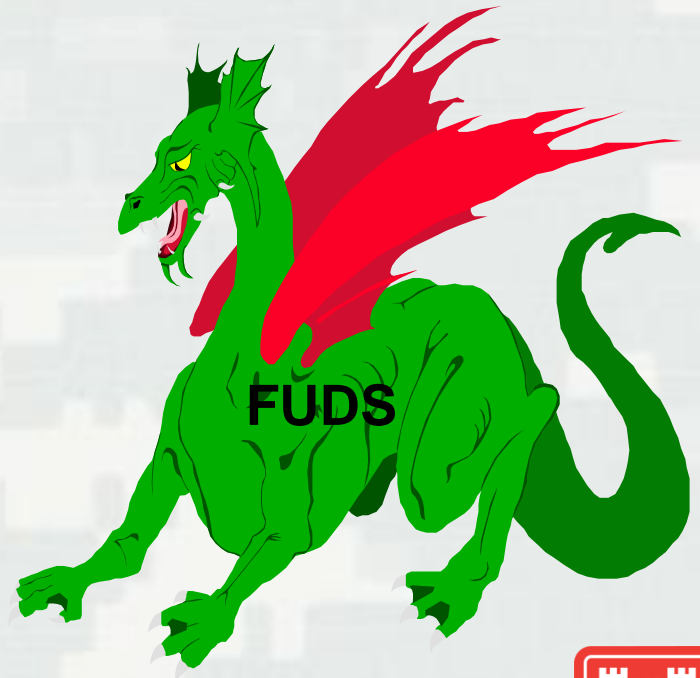
Goal: “To reduce, in a timely and cost effective manner, the risk to human health, safety, and the environment resulting from past DoD activities at formerly used DoD properties.”



FUDS is a Different Animal



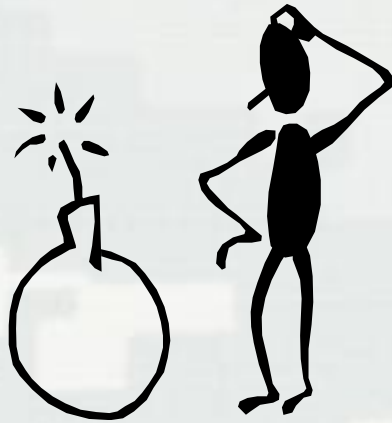
- The FUDS Program addresses only **DoD generated** contamination that occurred at properties transferred before 17 October 1986
- DoD **does not own** the property that FUDS is addressing
- **Past property owners:** Army, Navy, Marines, Air Force, DLA, and other defense agency properties
- We **do not certify** that the property is clean
- We work hand in hand with current property owners and regulators on cleanup efforts



DERP-FUDS Missions



- Identification, investigation and cleanup of hazardous, toxic, and radioactive waste (HTRW)



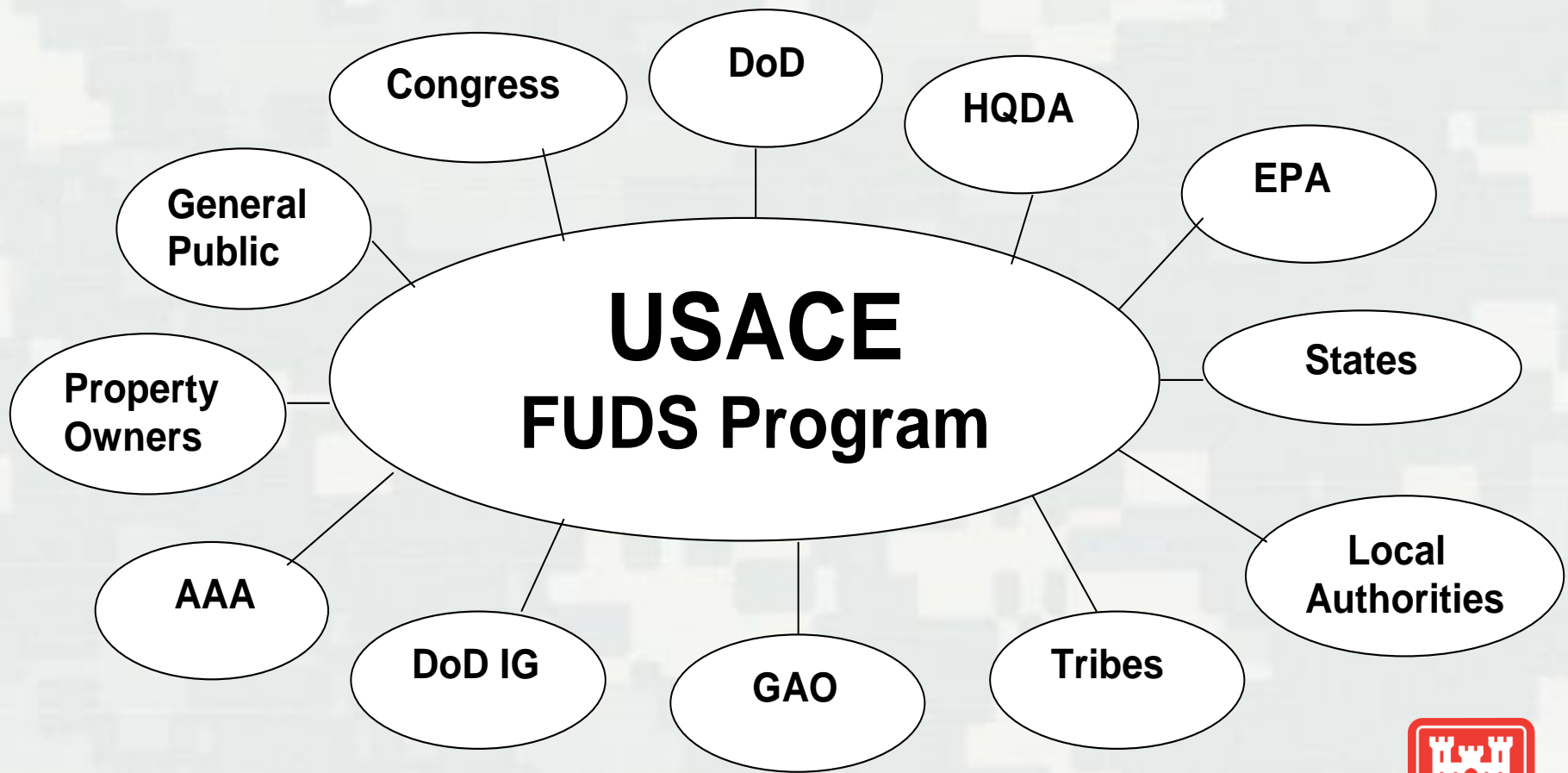
- Correction of other environmental damage - such as unexploded ordnance (Military Munitions Response Program (MMRP))



- Building demolition and debris removal (BD/DR)



FUDS Stakeholders



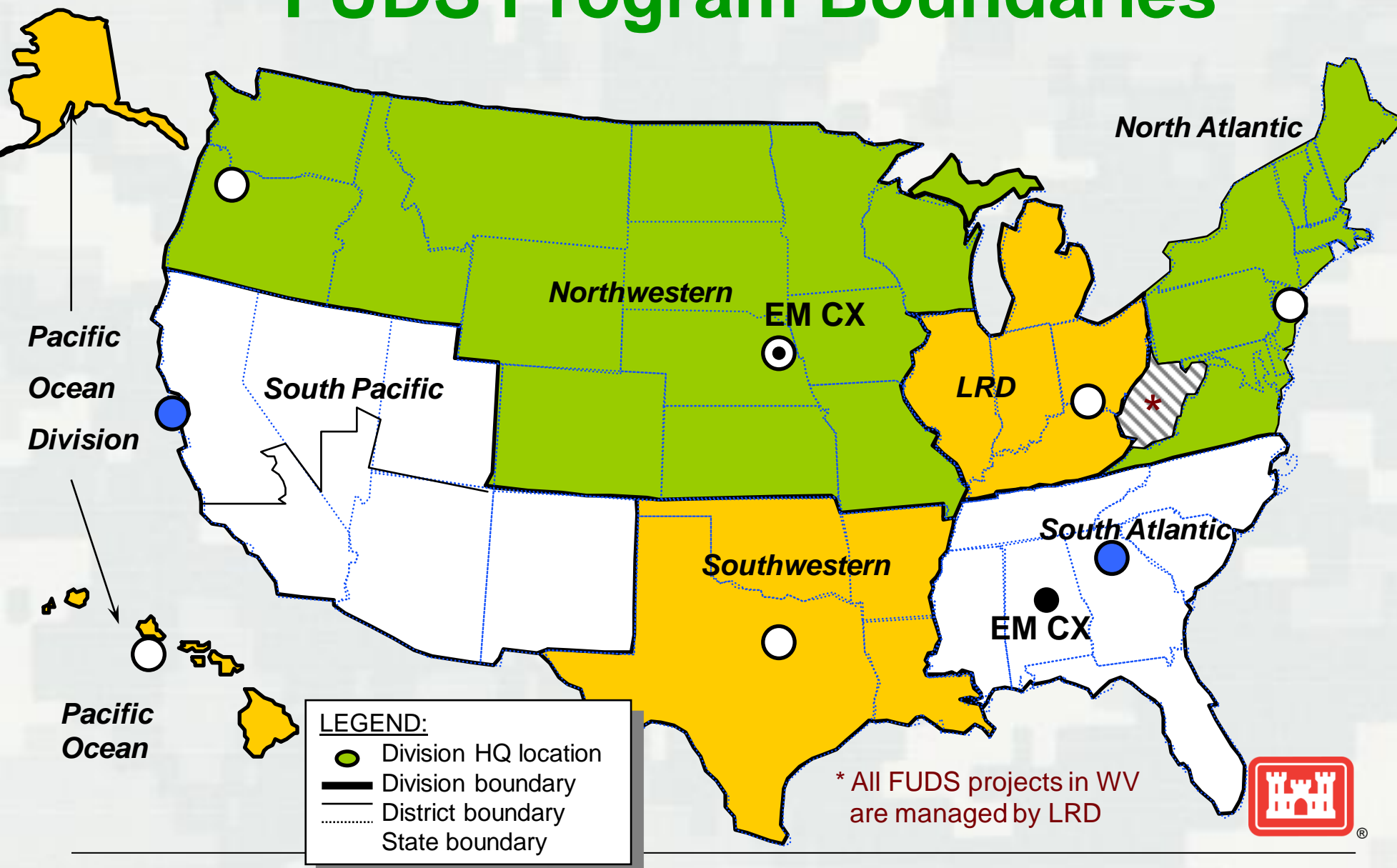
USACE Organizations for FUDS

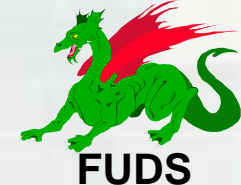


- **HQUSACE: Program Management**
- **USACE Field Offices: Program/Project Execution**
 - **Environmental & Munitions Center of Expertise (EM CX), Huntsville/Omaha**
 - **7 Divisions**
 - **14 FUDS Districts**
 - * **10 MM Remedial Action Districts**
 - * **10 Potentially Responsible Party (PRP) Districts**
 - **5 Military Munitions (MM) Design Centers**

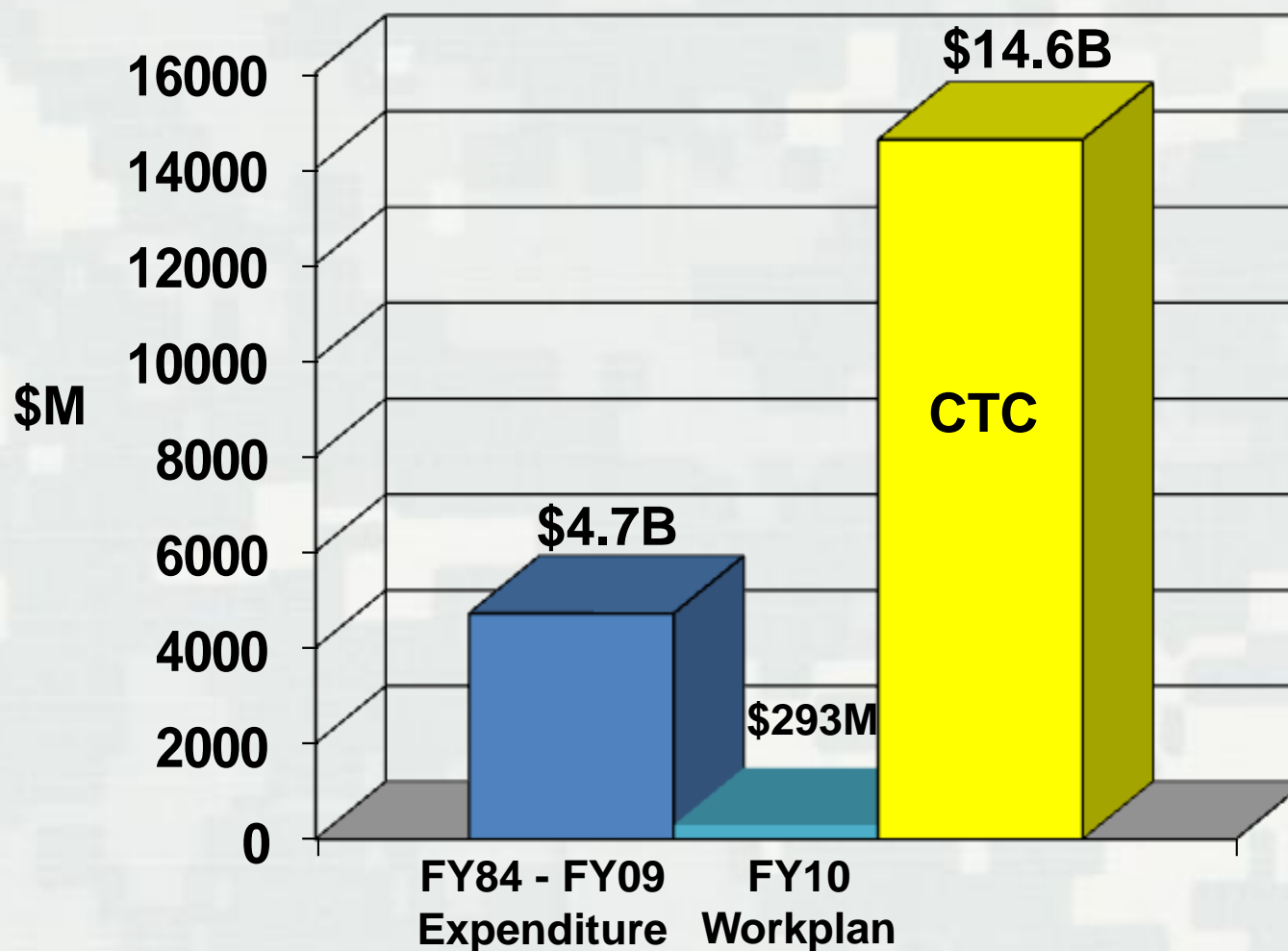


FUDS Program Boundaries





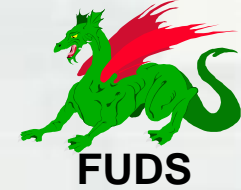
FUDS Cost to Complete



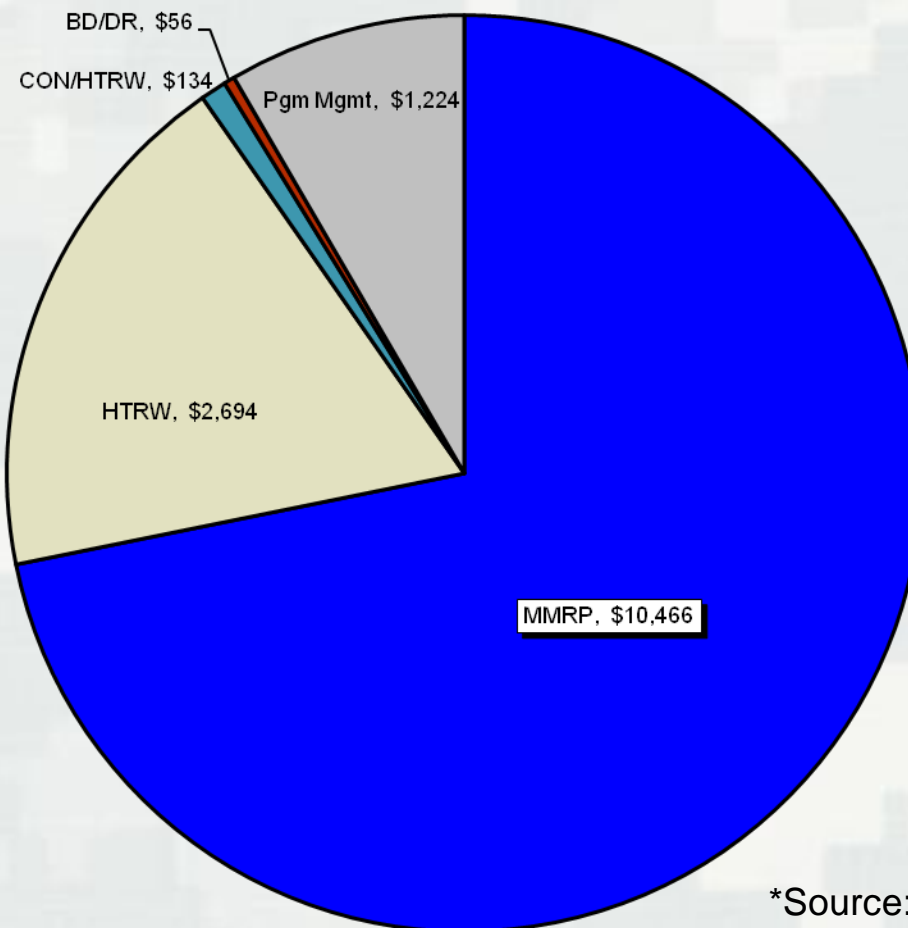
Note: Annual program funding insufficient to meet DoD's goals and stakeholders' timeliness expectations



FUDS Cost-to-Complete Profile (\$M)



(Total CTC of FY11 and Beyond = \$14.6B)

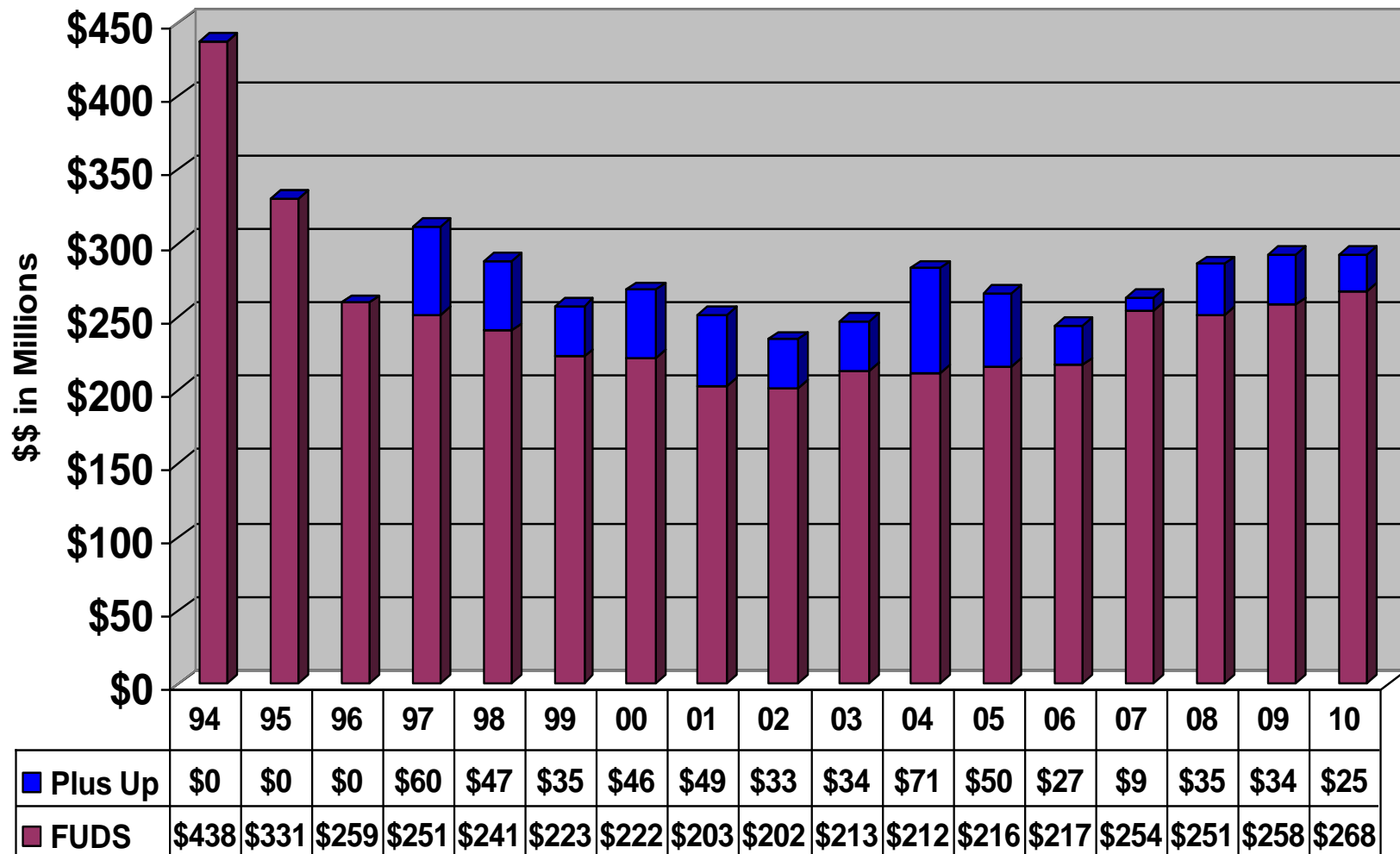
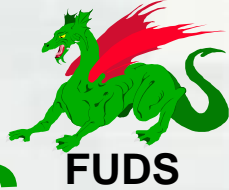


*Source: draft 2010 ARC



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DoD President's Budget and Congressional Plus-up for FUDS

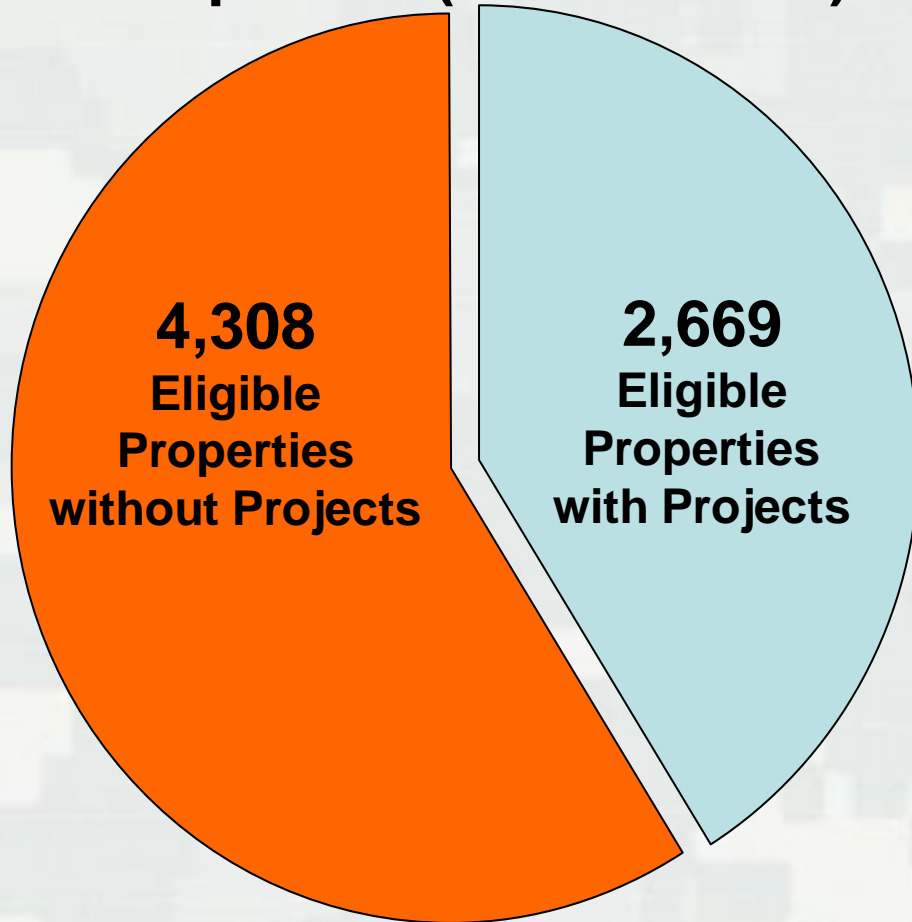


Note: Plus Up in FY07 & 08 includes OSD reprogramming of \$9.1M and \$7.5M in FY07 and FY08 respectively

Scope of FUDS Program (FY09 ARC)

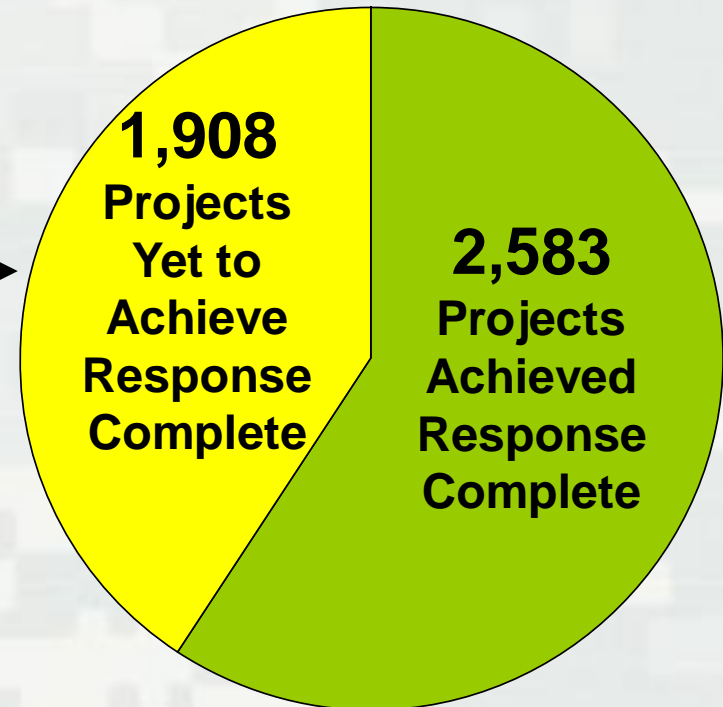


Properties (Installations)



6,977 Properties Determined
as “Eligible” out of 9,995 Properties
in Inventory

Projects (Sites)

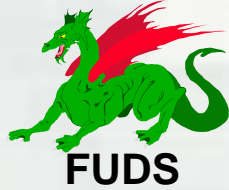


4,491 Eligible Projects
at 2,669 Eligible Properties



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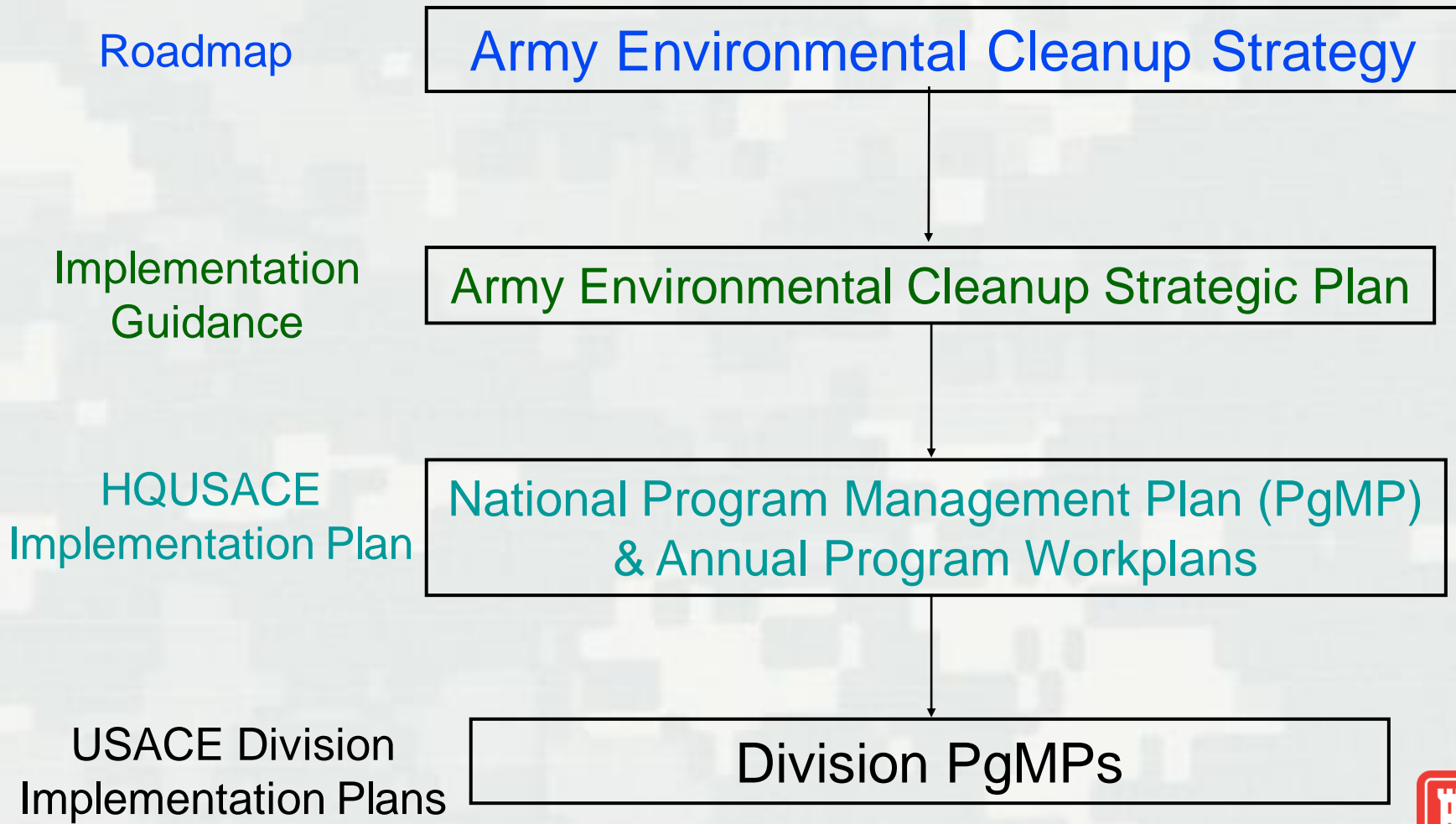
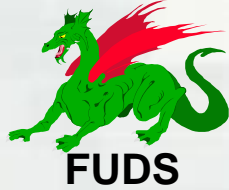
FUDS Program Goals



DoD Goal	Goal Year
IRP	
RIP/RC	FY2020
MMRP	
PA	FY2007
<u>SI</u> FY04 ARC (765) FY05 ARC (962) FY07 ARC (1073)	FY2010 FY2012 FY2013



FUDS Overarching Implementation Plan



Planning/Execution Focus and Priorities

- **Maximize annual Remedy-in-Place/Response Complete (RIP/RC) achievement**
- **Accelerate phase completion**
- **Complete 765 MMRP-SI's in FY10, 866 in FY11, 962 in FY12, 1073 in FY13**
- **Strive to achieve 100% RIP/RC for HTRW and UST projects by FY20**
- **Conduct Performance Based Contracts with 25% program funds**
- **Achieve 100% funding obligation**
- **Plan to close out more projects**



FUDS MMRP Execution Strategy



- **Short Term (FY11-FY13)**
 - Address imminent safety concerns (safety education)
 - Complete MMRP-SI
 - Complete non-time critical removal actions
 - Develop long-term sequencing strategic plan
- **Midterm (FY14-FY16)**
 - Complete MRSPS scoring
 - Complete MRS realignment and delineation
 - Complete CWM projects
 - Complete on-going remedial actions initiated prior to FY10
- **Long Term (beyond FY16)**
 - Focus on prioritized project cleanup to achieve RIP/RC, rather than program-wide RI study
 - Increase level of funding for MMRP projects



FUDS Program Funding/Project Sequencing



Program Funding

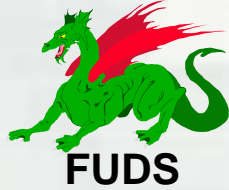
- Maximize funding to HTRW and UST projects for achieving RIP/RC by FY20
- Limit funding to MMRP projects before FY20, but maximize funding after FY20

Project Sequencing

- Based on DoD's risk management methodology
 - Relative risk factors (High, Medium, Low or equivalent MRSP scores)
 - Legal agreements
 - Program execution considerations
 - Stakeholders concerns
 - Economic considerations
- Applied at the district level
 - Project rankings in FUDSMIS for each project category, based on risk management methodology with stakeholder inputs



Factors Impacting FUDS Program



- **Highly visible, controversial, and complex DoD program that affects many stakeholders**
- **Continue to have some property/project growth due to new properties being added to the program**
- **Emerging cleanup requirements for unexploded ordnance and chemical warfare materiel**
- **Increased emphasis on rendering properties “clean” of unexploded ordnance (big technological challenges)**
- **Complexity of Potentially Responsible Party (PRP) negotiation efforts**
- **Increased influence by local development on level of cleanup**
- **Funding/schedule constraints control pace of cleanup toward project closeout**



Questions ???

